CLAIMS

n one surface of a plastic base film, wherein, with x (μm) representing a thickness of said base film, and y (%) representing an elongation percentage at the time when said plastic film having the hard-coating layer is pulled under a condition at 22°C with one side fixed and at a pulling speed of 20 mm/min, no crack is generated in the hard-coating layer in a region satisfying a relationship:

y < -0.018x + 7.5 if $100 \le x \le 150$,

 $y < -0.008x + 6.0 \ t 150 \le x \le 200,$

 $y < -0.005x + 5.4 \text{ lf} \ 200 \le x \le 300$,

 $y < -0.003x + 4.8 \text{ if } 300 \le x \le 400,$

 $y < -0.002x + 4.4 \text{ if } 400 \le x \le 500, \text{ and}$

 $y < 3.4 \text{ if } 500 \leq x,$

 $y < 5.7 \text{ if } x \le 100$,

when a tensile test is carried out under said condition.

- 2. The transparent plastic film having the hard-coating layer according to claim 1, wherein said plastic base film is a polycarbonate film.
- 3. The transparent plastic film having the hard-coating layer according to claim 1, which is wound in a roll form.
- 4. The transparent plastic film having the hard-coating layer according to any one of claims 1 to 3, wherein said plastic base film has a thickness of from 100 μm to 500 μm .

layer according to any one of claims 1 to 4, which is used for any one of applications for a display cover, a nameplate, and a packaging container.

- 6. The transparent plastic film having the hard-coating layer according to any one of claims 1 to 4, which is used for obtaining a molded article having the hard-coating layer given thereto by setting the transparent plastic film having the hard-coating layer on one surface of the plastic base film so that the hard-coating layer faces towards one mold surface in a mold for injection molding, clamping the plastic film so that a cavity is formed between a base surface of said film and the other mold surface, thereafter injecting a molten resin into said cavity and cooling the resin to mold a molded article body, and simultaneously to laminate and integrate said plastic film on a surface of the molded article body, in producing the plastic molded article by injection molding.
- 7. The transparent plastic film having the hard-coating layer according to any one of claims to 4, which is used for obtaining a plate-shaped molded article having the hard-coating layers given thereto on both surfaces by setting two sheets of the transparent plastic films having the hard-coating layer on one surface of the plastic base film so that the hard-coating layers respectively face towards one mold surface and the other mold surface in a mold for injection molding, clamping the

plastic films so that a cavity is formed between base surfaces of said two sheets of the films, thereafter injecting a molten resin into said cavity and cooling the resin to mold a molded article body, and simultaneously to laminate and integrate said plastic films on both surfaces of the molded article body, in producing the plastic plate-shaped molded article by injection molding.

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